

FIG. 1

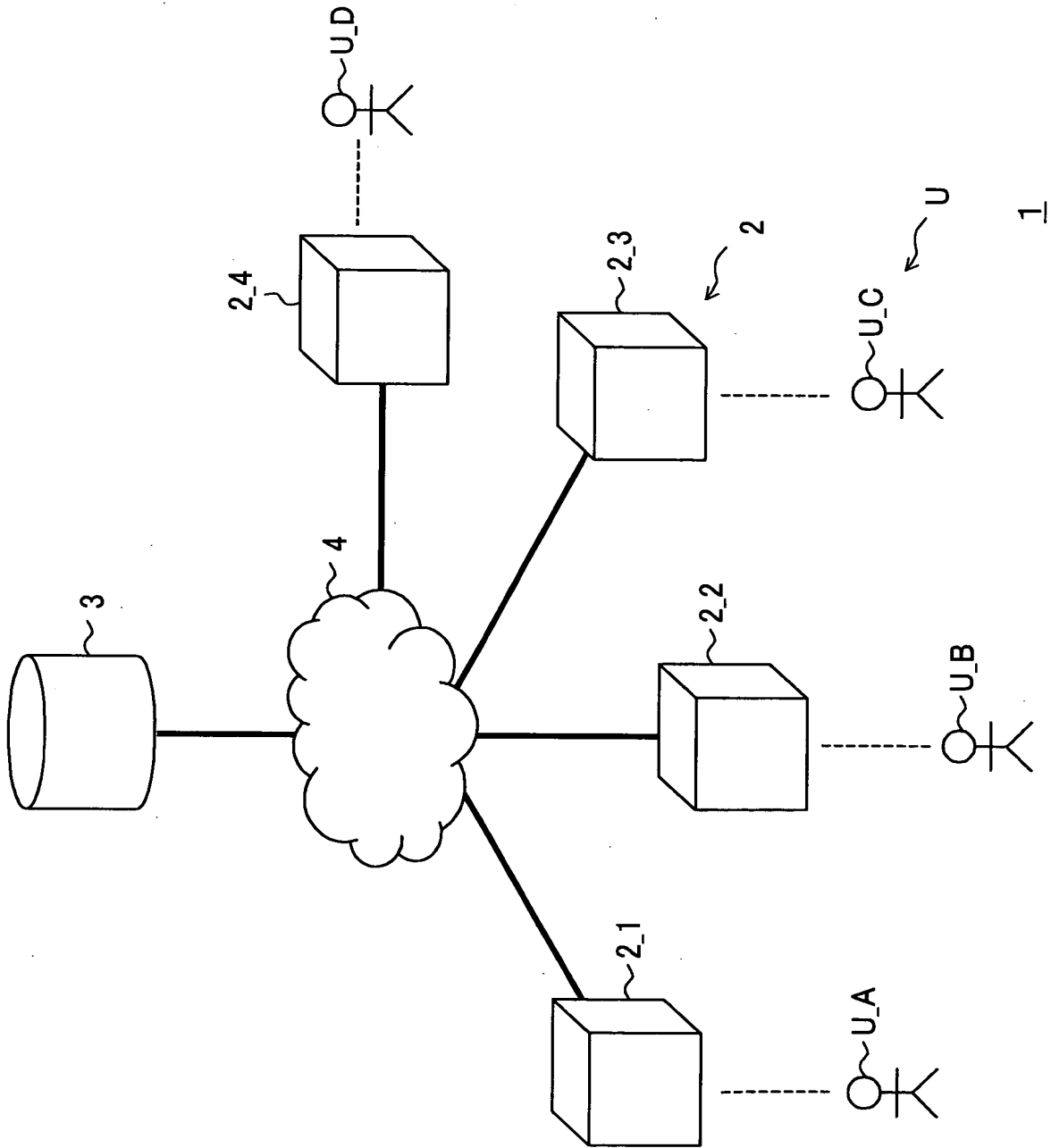


FIG. 2

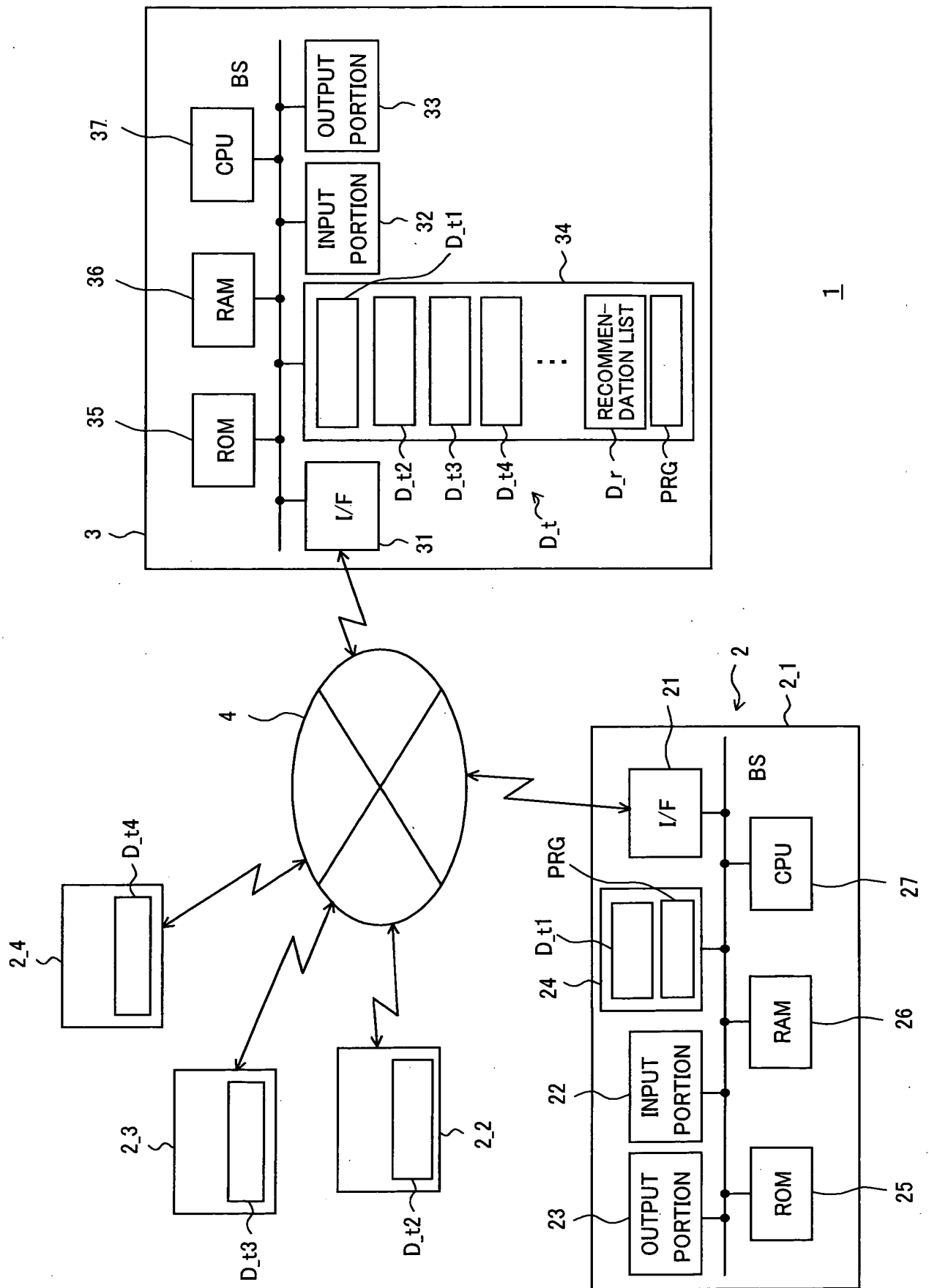


FIG. 3

D_tt {		D_ta {	
TITLE	ARTIST NAME		
TITLE AAAA	ARTIST AA		
TITLE BBBB	ARTIST BB		
TITLE CCCC	ARTIST CC		
TITLE DDDD	ARTIST DD		
D_t {		D_t {	

FIG. 4

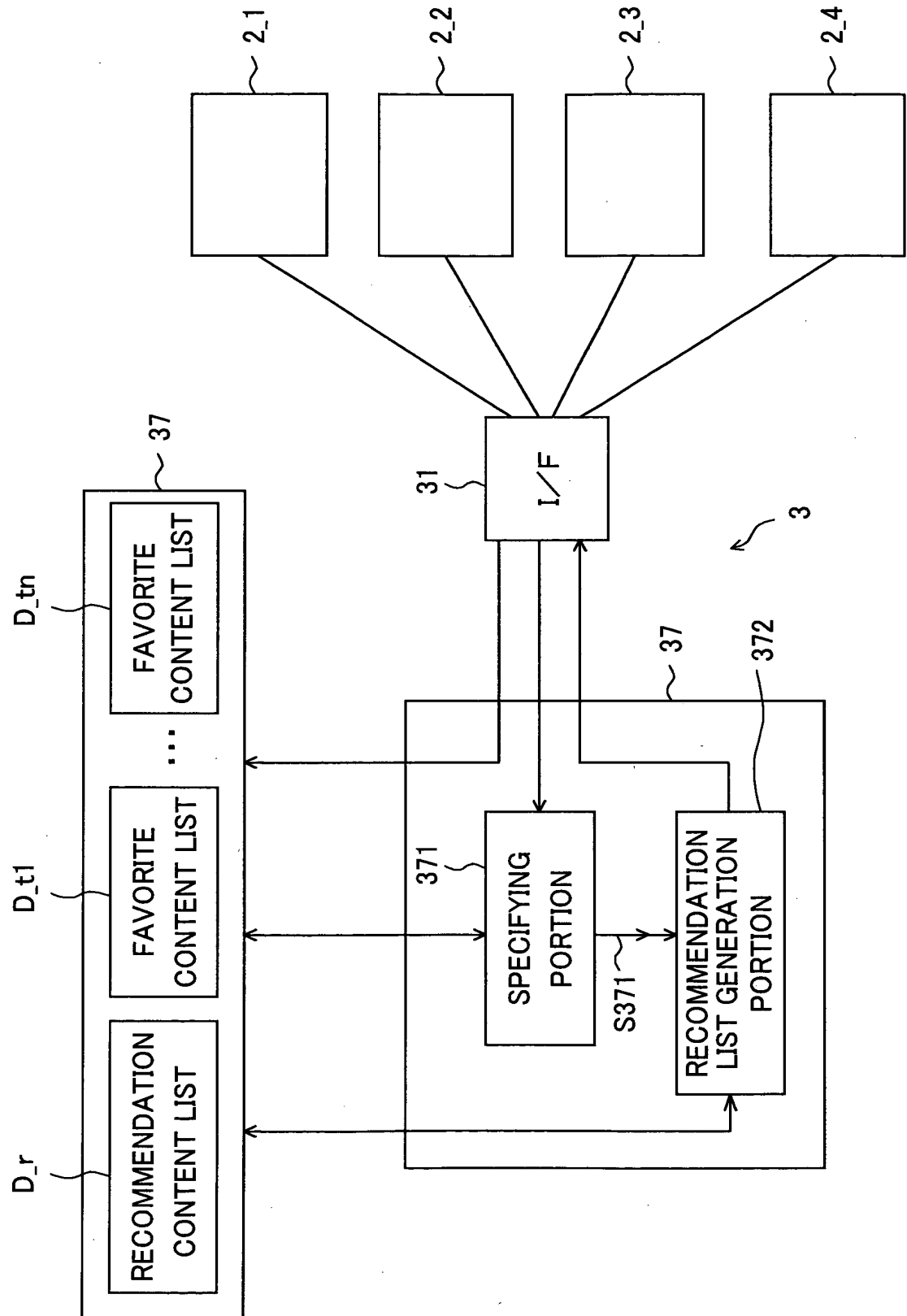


FIG. 5

D_t1			D_t2			D_t3			D_t4			...
USER U_A			USER U_B			USER U_C			USER U_D			...
TITLE NAME	ARTIST NAME	TITLE NAME	TITLE NAME	ARTIST NAME	TITLE NAME	TITLE NAME	ARTIST NAME	TITLE NAME	TITLE NAME	ARTIST NAME	TITLE NAME	...
TITLE AAAA	ARTIST AA	TITLE EEEE	TITLE EEEE	ARTIST EE	TITLE HHHH	ARTIST HH	ARTIST HH	TITLE LLLL	ARTIST LL	ARTIST LL	TITLE LLLL	...
TITLE BBBB	ARTIST BB	TITLE FFFF	TITLE FFFF	ARTIST FF	TITLE AAAA	ARTIST AA	ARTIST AA	TITLE MMMM	ARTIST MM	ARTIST MM	TITLE MMMM	...
TITLE CCCC	ARTIST CC	TITLE GGGG	TITLE GGGG	ARTIST GG	TITLE IIII	ARTIST II	ARTIST II	TITLE CCCC	ARTIST CC	ARTIST CC	TITLE CCCC	...
TITLE DDDD	ARTIST DD				TITLE JJJJ	ARTIST JJ	ARTIST JJ	TITLE JJJJ	ARTIST JJ	ARTIST JJ	TITLE JJJJ	...
					TITLE KKKK	ARTIST KK	ARTIST KK					

FIG. 6A D_t3

USER U_C		
TITLE	ARTIST NAME	POINT
TITLE HHHH	ARTIST HH	1
TITLE AAAA	ARTIST AA	1
TITLE IIII	ARTIST II	1
TITLE JJJJ	ARTIST JJ	1
TITLE KKKK	ARTIST KK	1

FIG. 6B D_t4

USER U_D		
TITLE	ARTIST NAME	POINT
TITLE LLLL	ARTIST LL	1
TITLE MMMM	ARTIST MM	1
TITLE CCCC	ARTIST CC	1
TITLE JJJJ	ARTIST JJ	1

FIG. 6C D_r1

USER U_A			
RANK	TITLE	ARTIST NAME	NUMBER OF USER
1	TITLE JJJJ	ARTIST JJ	2
2	TITLE HHHH	ARTIST HH	1
	TITLE AAAA	ARTIST AA	1
	TITLE IIII	ARTIST II	1
	TITLE KKKK	ARTIST KK	1
	TITLE LLLL	ARTIST LL	1
	TITLE MMMM	ARTIST MM	1
	TITLE CCCC	ARTIST CC	1

FIG. 7

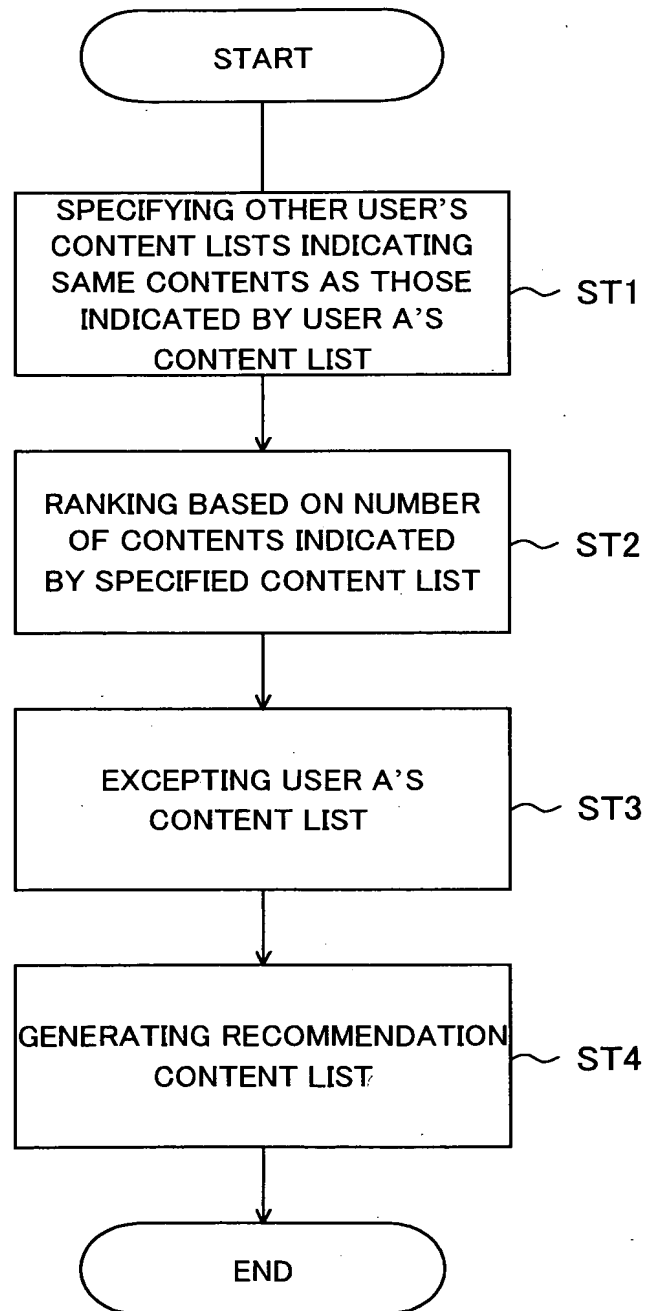


FIG. 8

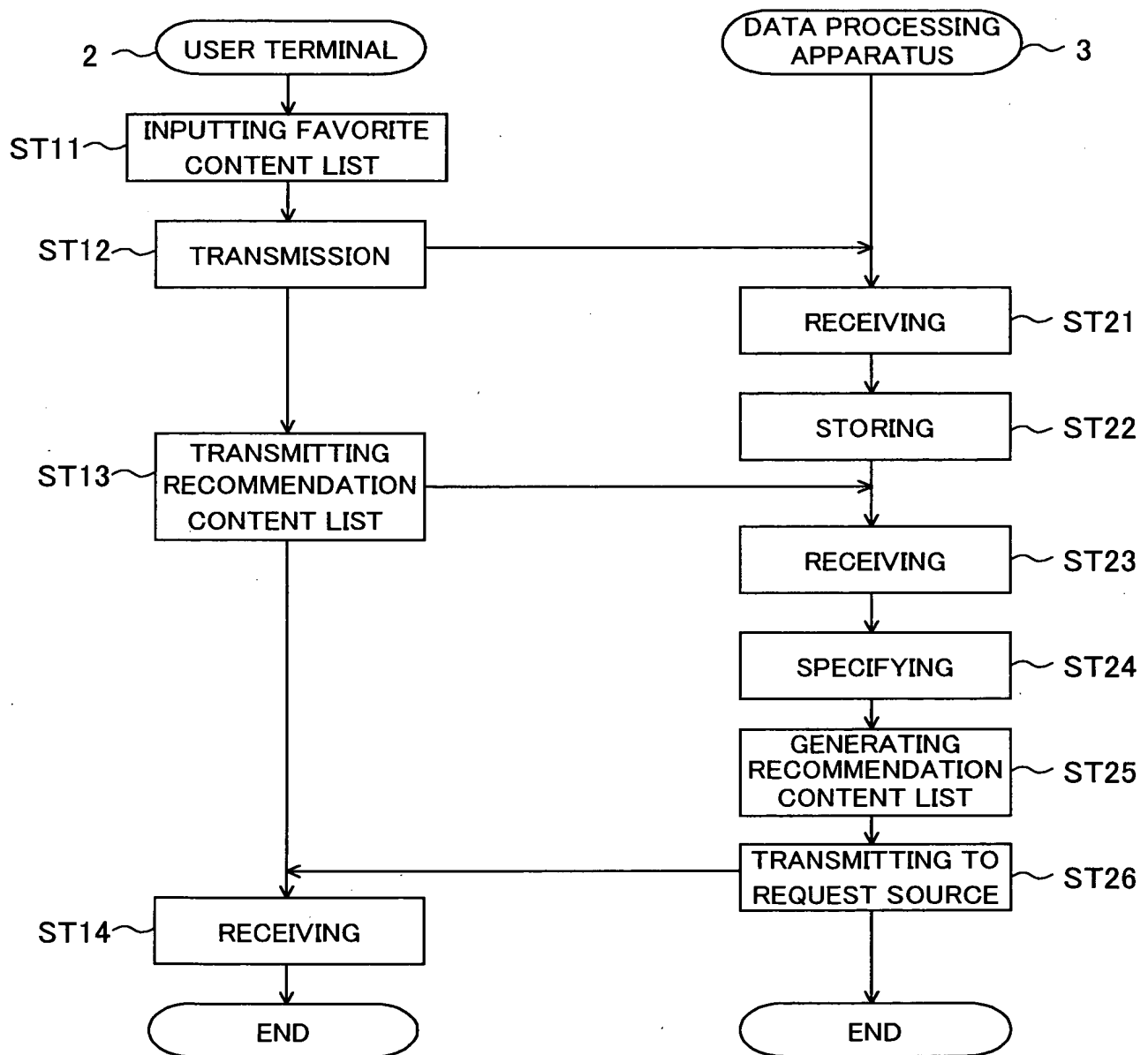


FIG. 9A

D_t3

USER U.C		
TITLE	ARTIST NAME	POINT
TITLE HHHH	ARTIST HH	20
TITLE AAAA	ARTIST AA	20
TITLE IIII	ARTIST II	20
TITLE JJJJ	ARTIST JJ	20
TITLE KKKK	ARTIST KK	20

FIG. 9B

D_t4

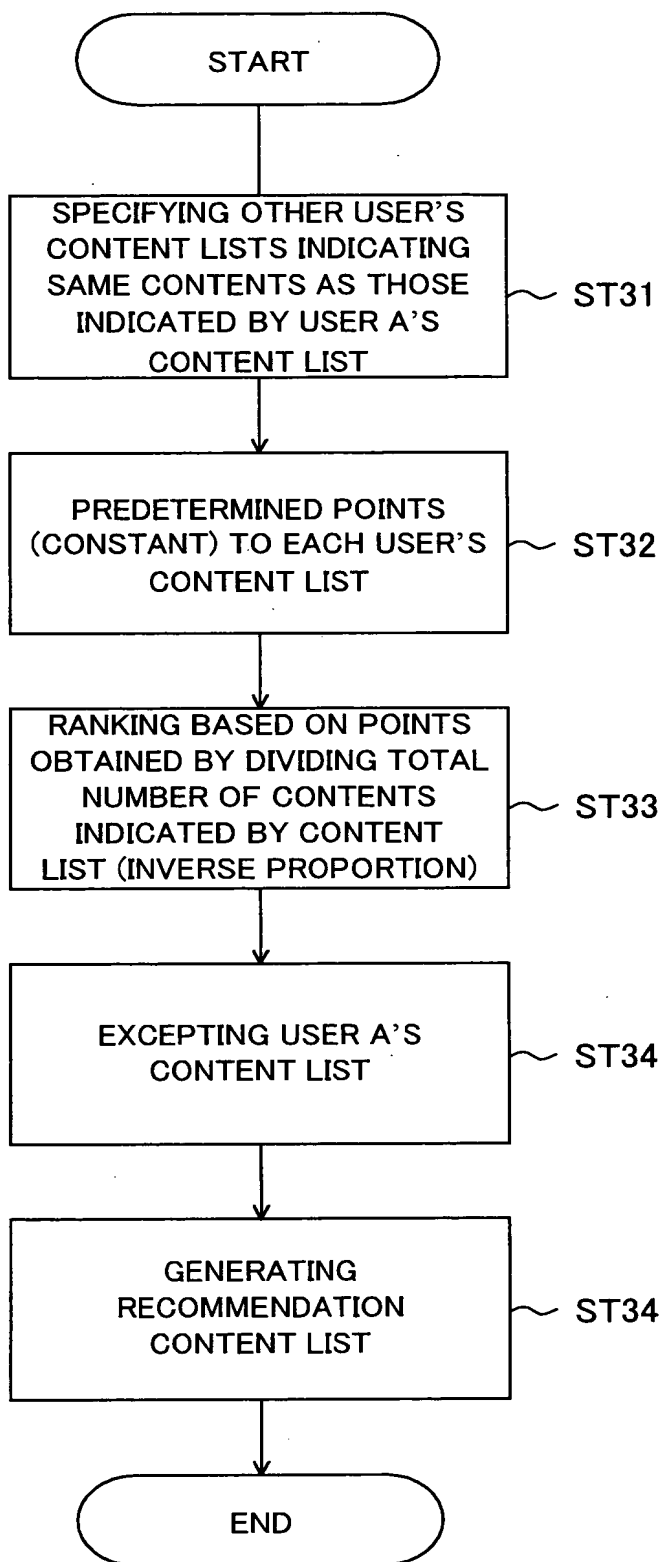
USER U.D		
TITLE	ARTIST NAME	POINT
TITLE LLLL	ARTIST LL	25
TITLE MMMM	ARTIST MM	25
TITLE CCCC	ARTIST CC	25
TITLE JJJJ	ARTIST JJ	25

D_r1

FIG. 9C

USER U.A			
RANK	TITLE	ARTIST NAME	NUMBER OF USER
1	TITLE JJJJ	ARTIST JJ	2
2	TITLE LLL	ARTIST LL	1
	TITLE MMMM	ARTIST MM	1
	TITLE JJJJ	ARTIST JJ	1
3	TITLE HHHH	ARTIST HH	1
	TITLE AAAA	ARTIST AA	1
	TITLE IIII	ARTIST II	1
	TITLE KKKK	ARTIST KK	1

FIG. 10



Explanation of References

- 1, 1a... data processing system
- 2, 2_1, 2_2, 2_3, 2_4... user terminal device
- 5 3, 3a... data processing apparatus
- 4... communication network
- 21... interface (I/F)
- 22... input portion
- 23... output portion
- 10 24... memory portion
- 25... ROM (read only memory)
- 26... RAM (random access memory)
- 27... CPU (central processing unit)
- 31... interface (I/F)
- 15 32... input portion
- 33... output portion
- 34... memory portion
- 35... ROM
- 36... RAM
- 20 37... CPU (central processing unit)
- 271... specifying portion
- 372, 372a... recommendation list generation portion